

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,193,493 B2  
APPLICATION NO. : 10/670241  
DATED : March 20, 2007  
INVENTOR(S) : Toshiya Asano

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE:

In item "(56) **References Cited**," under "U.S. PATENT DOCUMENTS," in the second column, the first-listed document "5,841,250 A 11/1998 Korenaga et al. ....318/135" should read -- 5,841,250 A 11/1998 Korenaga et al. ....318/135 --.

In item, "(56) **References Cited**," under "FOREIGN PATENT DOCUMENTS," the first-listed document "JP 09167792 6/1997" should read -- JP 09-167792 6/1997 --.

COLUMN 2:

Line 46, "Of" should read -- of --.

Line 47, "and-the" should read -- and the --.

COLUMN 6:

Line 3, "Beam" should read -- beam --.

Line 4, "axes." should read -- axes --.

COLUMN 7:

Line 58, "Y" should read -- Y- --.

COLUMN 11:

Line 34, "control," should read -- control --.

Line 59, "explained-with" should read -- explained with --.

COLUMN 12:

Line 28, "feedforward-control" should read -- feedforward control --.

Line 44, "system.231," should read -- system 231, --.

COLUMN 13:

Line 37, "to, any" should read -- to any --.

COLUMN 14:

Line 32, "to" should read -- to perform --.

COLUMN 16:

Line 28, "generated" should read -- to generate a --.

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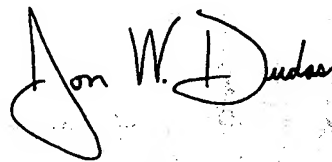
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 18:

Line 52, "apparatus" should read -- apparatus as -- and "claim 12:" should read -- claim 12; --.

Signed and Sealed this

Eleventh Day of December, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*